

# HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

## UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under  
37 C.F.R. 1.53(b))

Attorney Docket No.

2825.1018-00

First Named Inventor or  
Application Identifier

Todd R. Golub

Express Mail Label No.

EL930599018US

Title of  
Invention

METHODS FOR CLASSIFYING SAMPLES AND ASCERTAINING PREVIOUSLY  
UNKNOWN CLASSES

### APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

1. ☒ Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)
2. ☒ Specification **Total Pages 70**  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3. ☒ Drawing(s) (35 U.S.C. 113) **Total Sheets 18**
  - ☐ Fig. of the Drawings for Publication ☐
  - ☒ No Figure to be Published
4. ☒ Oath or Declaration **Total Pages 3**
  - a. ☐ Newly executed (original or copy)
  - b. ☒ Copy from a prior application (37 C.F.R. 1.63(d))  
(for continuation/divisional with Box 17 completed)
    - i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

6. ☐ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form
  - b. ☐ Paper Copy (identical to computer copy) ☐ Pages
  - c. ☐ Statements verifying identity of above copies

### ACCOMPANYING APPLICATION PARTS

7. ☐ Assignment Papers (cover sheet & documents)
  - ☒ Assignees -  
Whitehead Institute for Biomedical Research, Cambridge, MA  
Dana-Farber Cancer Institute, Inc., Boston, MA
8. ☐ Power of Attorney ☐ 37 C.F.R. 3.73(b) Statement
9. ☐ English Translation Document (if applicable)
10. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard
13. ☐ Small Entity ☐ Statement filed in prior application, status still proper and desired
- 14a. ☐ Foreign Priority Claim under 35 U.S.C. §119 or 365
- 14b. ☐ Certified Copy of Priority Document(s)
15. ☐ Nonpublication Request (check parent application)
16. ☒ Other Remarks and copy of IDS citation AV7

17. If a **CONTINUING APPLICATION**, check appropriate box; supply the requisite information.

☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP) of prior application No.: 09/544,627

Prior application information: Examiner: M. Zeman

Group Art Unit: 1631

The entire disclosure of the prior application is considered a part of the disclosure of the accompanying application and is hereby incorporated by reference.  
(Add standard Related Applications section with incorporation by reference to specification or update same)

### 18. CORRESPONDENCE ADDRESS

|         |   |           |                |          |                |
|---------|---|-----------|----------------|----------|----------------|
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|                                       |                                |             |         |
|---------------------------------------|--------------------------------|-------------|---------|
| Signature                             | <i>Antoinette G. Giugliano</i> | Date        | 2/12/02 |
| Submitted by<br>Typed or Printed Name | Antoinette G. Giugliano        | Reg. Number | 42,582  |

# HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

## FEE TRANSMITTAL FOR PATENT APPLICATIONS

|                        |                          |
|------------------------|--------------------------|
| Attorney Docket Number | 2825.1018-010            |
| Application Number     | Divisional of 09/544,627 |
| First Named Inventor   | Todd R. Golub            |

CLAIM CALCULATION (includes any preliminary amendment)

| CLAIMS | (1) FOR   | (2) NUMBER FILED | (3) NUMBER EXTRA | (4) RATE                             | (5) CALCULATIONS |
|--------|---|------------------|------------------|--------------------------------------|------------------|
|        | TOTAL CLAIMS<br>(37 CFR 1.16(c) or (j))                                     | 70 - 20* =       | 50               | x \$ 18 =                            | \$ 900           |
|        | INDEPENDENT CLAIMS<br>(37 CFR 1.16(b) or (i))                               | 11 - 3** =       | 8                | x \$ 84 =                            | \$ 672           |
|        | MULTIPLE DEPENDENT CLAIMS (if applicable) (37 CFR 1.16(d))                  |                  |                  | + \$ 280 =                           | \$               |
|        |   |                  |                  | BASIC FEE<br>(37 CFR 1.16(a) or (h)) | \$ 740           |
|        | Total of above Calculations =   |                  |                  |                                      | \$ 2312          |
|        | Reduction by 50% for filing by small entity (37 CFR 1.9, 1.27, 1.28) =      |                  |                  |                                      | \$               |
|        | TOTAL =   |                  |                  |                                      | \$ 2312          |
|        | Surcharge - Late Filing of Declaration or Filing Fees (37 C.F.R. 1.16(e)) = |                  |                  |                                      | \$               |
|        | Petition for Extension of Time Fee (37 C.F.R. 1.17) =                       |                  |                  |                                      | \$               |
|        | Assignment Recordation Fee =<br>(only when filed with application)          |                  |                  |                                      | \$               |
|        | TOTAL =   |                  |                  |                                      | \$ 2312          |

\* Reissue claims in excess of 20 and over original patent  
 \*\* Reissue independent claims over original patent

1. Small entity status:

- a. ☐ A small entity statement is enclosed.
- b. ☐ A small entity statement was filed in the prior non-provisional application and such status is still proper and desired.
- c. ☐ Is no longer claimed.

2. ☒ A general authorization is hereby granted to charge deposit account number 08-0380 for any fees required under 37 CFR 1.16 and 1.17 in order to maintain pendency of this application. A copy of this authorization is enclosed for accounting purposes.

3. ☒ A check is enclosed for \$2,312. ☐ Please charge \$[ ] to Deposit Account No. 08-0380.

4. ☐ Other: \_\_\_\_\_

Signature

*Antoinette G. Giugliano*

Date

2/12/02

Submitted by  
Typed or Printed Name

Antoinette G. Giugliano

Reg. Number

42,582